E.J. Malone Powder Mill Fish Hatchery (NH Fish&Game) 288 Merrymeeting Road New Durham, NH 03855



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 164619

Client Identification: Powder Mill Fish Hatchery

Date Received: 1/10/2017

Dear Mr. Malone:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

1.20.17

Date

of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE



EAI ID#: 164619

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: Powder Mill Fish Hatchery

Temperature upon receipt (°C): 2.9

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	Exceptions/Comments (other than thermal preservation)
164619.01	Inflow	1/10/17	1/10/17	aqueous	Adheres to Sample Acceptance Policy
164619.02	001 Outfall	1/10/17	1/10/17	aqueous	Adheres to Sample Acceptance Policy
164619.03	002 Outfall	1/10/17	1/10/17	aqueous	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 164619

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: Powder Mill Fish Hatchery

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Sample ID:	Inflow	001 Outfall	002 Outfall					
Lab Samula ID:	404040.04	104040.00	404040.00					
Lab Sample ID:	164619.01	164619.02	164619.03					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	1/10/17	1/10/17	1/10/17			Analysis		
Date Received:	1/10/17	1/10/17	1/10/17	RL	Units	Date Time	Method A	Inalyst
Solids Suspended	< 2	< 2	< 2	2	mg/L	1/13/17 13:50	2540D-97	ATA
Total Phosphorus-P	< 0.01	0.02	0.05	0.01	mg/L	1/13/17 11:28	·365.1	SEL

CHAIN-OF-CUSTODY RECORD

164619

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

	TROJECT #: TATE: (NH) MA ME VT OTHER: REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR GWP, OIL FUND, BROWNFIELD OR OTHER: PO #-	HONE: (603) 859-204/ AX:	COMPANY: NH FISH of Game Dept/ NORESS: 288 Mercy meeting Ad	Χ.	MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER PRESERVATIVE: H-HCL; N-HNO;; S-H,SO4; Na-NaOH; M-MEOH			10 0 0 0 1 8-01	0.150	COI OUTSALL START 1/3	To Down 1/10/17	SAMPLING DATE/TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	
	TORMWATER OR		PawderMill Hatchis	E.J. Malone	TER; DW-DRINKING WATER;			477	917 0830	/17 0830 /12 0830		DATE/TIME PART & FLOW POSITE STAND BOTH TART & FINISH MATRIX (SEE BELOW) GRAB/* COMPOSITE 524.2 524.	VOC
STINOUISHED SY.	RELINQUISHED BY: RELINQUISHED BY:	OR UMPTIVE CERTA	QA/QC REPORTING LEVEL	DATE NEEDED:								8021B BTEX HALOS 8015B GRO MEGRO MAYPH 8270D 625 SYTICS ABN A BN PAH TPH8100 LI L2 8015B DRO MEDRO MAEPH PEST 608 PCB 608 PEST 8081A PCB 8082	SYUC
DATE: TIME:	1-10-17 5900 K DATE TIME TIME -18-17 1510	ELECTRONIC OPTIONS NO FAX - E-MAIL PDF	REPORTING OPTIONS PRELIMS: YES OR NO					/0	X	×	×	TS TSS TDS SPEC. CON. BR CI F SO ₄	ICLF METALS
RECEIVED RV:	RECEIVED BY:	EQUIS	Z	Temp Q - 9 or					×,	X	×	BOD CBOD T. ALK. TKN NH3 T. PHOS O. PHOS. pH T. Res. Chlorine COD PHENOLS TOC DOC Total Cyanide Total Sulfide	INORGANICS
FIEID READINGS	Site History:	NOTES: (IE: SPECIAL DETECTION LI	OTHER METALS:	METALS: 8 RCRA 13				* AMOUNT				REACTIVE CYANIDE REACTIVE SULFIDE FLASHPOINT IGNITABILITY TOTAL COLIFORM E. COLI FECAL-COLIFORM ENTEROCOCCI HETEROTROPHIC PLATE COUNT	MICRO OITEN
		s, Billing Info, Ir	ED? YES NO	13 PP FE, MN PB, CU					60	2	12	# of Containers WEOH VIAL #	

25 CHENELL DRIVE | CONCORD, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com (WHITE: ORIGINAL GREEN: PROJECT MANAGER)

Meastern analytical, inc.